Assignment:-

Compiler	Interpreter
1) A compiler takes the entire program in one go	An interpreter takes a single line of code at a time.
2) The compiler generates an intermediate machine code. (Byte code)	The interpreter never produces any intermediate machine code.
3) The compiler is best suited for the production environment.	An interpreter is (used) best suited for a software development environment
4) The compiler is used by programming languages such as C, C++, C#, Java e.t.c	An interpreter is used by programming languages such as python, PHP, Ruby e.t.c.

2) Define a class student with members.

int roll, string name, float marks.

input(), to take input of the details.

display(), to all details of a student.

```java
class student
{
    int roll;
    String name;
    float marks;
    void input ( int r, string n, float markss)
    {
        roll = r;
        name = n;
        marks = markss
    }

    void display()
    {
        System.out.println ( roll + " " + name + " " + marks);
    }
}
public class Test Student
{
    public static void main ( String args [ ])
    {
        Student s1 = new student ();
        Student s2 = new student ( );
        s1. input ( 1 , " Varsha", 98);
        s2. input (2 , " Apuova", 97);
        s1. display();
        s2. display ();
    }
}
```